

Umetco Minerals Corporation



P.O. BOX 1029
GRAND JUNCTION, COLORADO 81502
☎ (303) 245-3700

July 23, 1990

Utah Department of Health
Division of Environmental Health
Bureau of Water Pollution Control
P.O. Box 16690
Salt Lake City, UT 84116-0690

Attention: Permits and Compliance Section

Dear Sirs:

Re: UPDES Permit UT-0023914
Velvet Mine, Utah
Umetco Minerals Corporation

Umetco Minerals hereby submits the second quarter 1990 discharge monitoring report for UPDES Permit UT-0023914 for the Velvet Mine located in San Juan County, Utah.

The total Uranium and total Radium-226 concentrations were above the monthly average standards for the month of April. The uranium level was caused by a reduction in ion exchange resin efficiency due to physical resin breakdown. This efficiency reduction was corrected in May by replacement of the ion exchange resin. The radium-226 concentrations in the effluent were subsequently reduced by increasing the BaCl injection rate.

If there are any questions, please contact me at 303-245-3700.

Sincerely,

Niels B. Haubold ✓
Niels B. Haubold
Manager of Mines

Encl.

NBH/jac

Certified-Return Receipt Requested

cc: U.S. Environmental Protection Agency
999 8th Street, Suite 500 8WM-C
Denver, Colorado 80202-2405

bcc: R. K. Jones
R. F. Barnett
A. S. Bates
R. G. Tisch

ERMITTEE NAME/ADDRESS (Include facility Name/Location if different)

AME Umetco Minerals Corporation
 DRESS P. O. Box 1029
Grand Junction, Colorado 81502
 ACILITY Velvet Mine
 OCATION Section 3, T31 S, R25 E

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

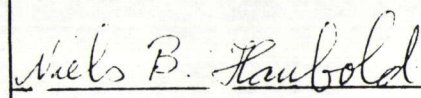
(2-16) UT0023914 (17-19) 001
 PERMIT NUMBER DISCHARGE NUMBER

Form Approved
 OMB No. 2040-0004
 Approval expires 9-30-85

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	90	04	01		90	06	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
Flow	SAMPLE MEASUREMENT	0.088	0.128	mgd	-	-	-	0	1/7	Meter
	PERMIT REQUIREMENT	N/A	N/A		-	-	-		1/7	Meter
TSS	SAMPLE MEASUREMENT	-	-		-	<4	<4	0	1/30	Grab
	PERMIT REQUIREMENT	-	-		-	20	30		1/30	Grab
TDS	SAMPLE MEASUREMENT	-	-		-	-	394	0	1/90	Grab
	PERMIT REQUIREMENT	-	-		-	-	2,000		1/90	Grab
Uranium, Nat. Total	SAMPLE MEASUREMENT	-	-		1.18	1.86	2.54	1	1/30	Grab
	PERMIT REQUIREMENT	-	-		-	2.0	4.0		1/30	Grab
Ra-226, Total	SAMPLE MEASUREMENT	-	-		4.1	8.6	13	1	1/30	Grab
	PERMIT REQUIREMENT	-	-		-	10	30		1/30	Grab
Oil and Grease	SAMPLE MEASUREMENT	-	-		-	-	3.0	0	1/90	Grab
	PERMIT REQUIREMENT	-	-		-	-	10		1/90	Grab
Zinc	SAMPLE MEASUREMENT	-	-		-	-	0.022	0	1/90	Grab
	PERMIT REQUIREMENT	-	-		-	-	0.2		1/90	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER N. B. Haubold Manager of Mines TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
			303	245-3700	90	7	23

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME Umetco Minerals Corporation
 ADDRESS P. O. Box 1029
Grand Junction, Colorado 815-2
 FACILITY Velvet Mine
 LOCATION Section 3, T31S, R25E

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

(2-16) UT0023914	(17-19) 001
PERMIT NUMBER	DISCHARGE NUMBER

Form Approved.
 OMB No. 2040-0008
 Approval expires 9-30-85

MONITORING PERIOD					
FROM			TO		
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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
COD	SAMPLE MEASUREMENT	-	-		-	16	16	mg/l	0	1/90	Grab
	PERMIT REQUIREMENT	-	-		-	100	200			1/90	Grab
ph	SAMPLE MEASUREMENT	-	-		6.7	7.3	7.9	su	0	1/30	Grab
	PERMIT REQUIREMENT	-	-		6.5	-	9.0			1/30	Grab
Sol. Ra-226	SAMPLE MEASUREMENT	-	-		0.4	0.5	0.6	pCi/l	0	1/30	Grab
	PERMIT REQUIREMENT	-	-		-	3.0	10.0			1/30	Grab
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)